

Philippines: BioAktiv Proven in a Pig Farm

A 60-day study was done on the use of BioAktiv for Animal Feed on pigs in Antipolo City, Philippines in February 2009. Eight pens each with 8 to 10 pigs at 100 days of age were selected for the study – four pens with 37 pigs (18 males and 19 female) for test group and another four with 32 pigs (19 males and 13 females) for control group. Test pigs were fed standard feed and 200 g BioAktiv per tonne of feed, while control pigs were only fed standard feed. The test and control pigs were weighed on Day 100, 130 and 160. A summary of the data collected is given in Table 1.

Table 1: Total weights and feed consumption

Parameter		BioAktiv	Control
Number of pigs		37	32
Total weight (kg) on	Day 100	1,584	1,346
	Day 130	2,382	1,999
	Day 160	3,245	2,687
Total feed consumed (kg)	Day 100-130	1,913.0	1,656.0
	Day 130-160	4,406.5	3,722.0

Table 2: Calculated results

Parameter		BioAktiv	Control
Average weight (kg) at	Day 100	42.8	42.1
	Day 130	64.4	62.5
	Day 160	87.7	84.0
Average weight gain (kg)	Day 100-130	21.6	20.4
	Day 130-160	23.3	21.5
	Day 100-160	44.9	41.9
ADG (g/day)	Day 100-130	719	680
	Day 130-160	777	717
	Day 100-160	748	698
Average feed consumed (kg)	Day 100-130	51.7	51.8
	Day 130-160	119.1	116.3
	Day 100-160	170.8	168.1
FCR (kg/kg)	Day 100-130	2.4	2.5
	Day 130-160	2.9	3.0
	Day 100-160	2.7	2.9

Table 2 shows the calculated results. We can clearly conclude that the use of BioAktiv both increased the ADG and improved the FCR for both 30-day study periods and hence overall 60 days of study. The summary of results for the entire 60-day study period is shown in Table 3.

Table 3: Overall summary of 60-day study

Parameter	BioAktiv	Control	Difference
Average weight gain (kg)	44.9	41.9	+7.1%
ADG (g/day)	748	698	+7.1%
FCR (kg/kg)	2.7	2.8	-4.4%

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